

CLAIMS:

1. An apparatus comprising a housing in which a place is provided for a screen formed by a display unit which comprises, inter alia, a plate assembly of optical fibers disposed on the side of the front face, facing the user and a display unit which comprises a multiplicity of pixels, characterized in that the fibers of the plate are deformed so as to be adapted to various configurations.
2. An apparatus as claimed in claim 1, characterized in that the front face of the plate is bent.
3. An apparatus as claimed in claim 2, characterized in that the fibers have a changing diameter.
4. An apparatus as claimed in one of the claims 1 to 3, characterized in that the display unit comprises a light box situated underneath.
5. An apparatus as claimed in one of the claims 1 to 3, characterized in that the display unit comprises a reflector situated underneath for reflecting the light from a light source situated above it.
6. An apparatus as claimed in one of the claims 1 to 5, for which the display unit is of the liquid crystal display type implying two crossed polarizers, characterized in that one of the polarizers is placed at the back of the plate of optical fibers.
7. An apparatus as claimed in one of the claims 1 to 5, characterized in that the diameter of the fibers which are in contact with the display unit is smaller than the dimensions of the pixels which the display unit can display.
8. A display unit suitable for an apparatus as claimed in one of the claims 1 to 7, comprising inter alia an assembly of a fiber optic plate placed on the side of the front face

facing the user and a display unit comprising a multiplicity of pixels, characterized in that the fibers of the plate are deformed so as to be adapted to various configurations.

9. A display unit as claimed in claim 8, comprising a liquid crystal display unit
5 involving two crossed polarizers, characterized in that one of the polarizers is placed at the back of the optical fiber plate.

10. A display unit as claimed in one of the claims 8 to 9, characterized in that the
10 diameter of the fibers in contact with the display unit is smaller than the dimensions of the pixels which the display unit can display.

PHFR010024